From: Enders, Jhana
To: Ruhl, Christopher
Subject: 01/17/17 Site Update
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The contents of the cement mixer were transferred to a 32 quart pot and placed onto a single burner. The burner was set to a low medium heat in an attempt to continue the deactivation of the partially spent dust. The pot was left on the burner for the remainder of the day. Prior to transferring the mixture from the cement mixer to the stew pot the phosphine reading was 1.5 ppm. Once mixture was placed in pot and heat added the reading increased to 2.8 ppm. During the afternoon entry into the site, readings utilizing the VRae on the heated pot were **greater than 20 ppm.**
The lid to the drum of food was removed by the TCEQ contractor, and a fan was placed on the top in an attempt to increase air circulation within the drum. A sample of the liquid from the bottom of the drum was collected and a headspace reading was collected utilizing a VRae. Phosphine readings on the liquid food sample was 3.8 ppm. (Higher than our 8 hr 0.3ppm) Monitoring within each room at heights of the baseboard, 3 feet above the floor, and 5 feet above the floor, utilizing a VRae and Drager tube pump for Phosphine was conducted once within the site. Ambient temperature within the site was approximately 74^{o}F, and readings collected within the rooms of the site and the freezer and refrigerator were less than 0.1 ppm. (Dragers measure from 0.1 so can't really say 0)

Under the house on the south end where the pile of weevil-cide had been removed was 50 degrees F and monitoring indicated all zeros in this area as well.